

#3

PC10893AGPR Sequence Listing.ST25.txt  
SEQUENCE LISTING

<110> Pfizer Inc.

Castleberry, Tessa A.

Lu, Bihong

Owen, Thomas A.

Smock, Steven L.

<120> The Canine Androgen Receptor

<130> PC10893AGPR

<160> 2

<170> PatentIn version 3.1

<210> 1

<211> 3577

<212> DNA

<213> Canine

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<212> PRT

<213> Canine

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Val Ile Gln Asn Pro Gly Pro Arg His Pro Glu Ala Val Ser Ala Ala  
 35 40 45

Pro Pro Gly Ala His Leu Gln Gln Gln Gln Gln Gln Gln Gln Gln  
 50 55 60

Glu Thr Ser Pro Arg Gln Gln Gln Gln Gln Gln Gly Asp Asp Gly  
 65 70 75 80

Ser Pro Gln Ala Gln Ser Arg Gly Pro Thr Gly Tyr Leu Ala Leu Asp  
 85 90 95

Glu Glu Gln Gln Pro Ser Gln Gln Arg Ser Ala Ser Lys Gly His Pro  
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100

105

110

Glu Ser Ala Cys Val Pro Glu Pro Gly Val Thr Ser Ala Thr Gly Lys  
115 120 125

Gly Leu Gln Gln Gln Gln Pro Ala Pro Pro Asp Glu Asn Asp Ser Ala  
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Ala Pro Ser Thr Leu Ser Leu Leu Gly Pro Thr Phe Pro Gly Leu Ser  
145 150 155 160

Ser Cys Ser Thr Asp Leu Lys Asp Ile Leu Ser Glu Ala Gly Thr Met  
165 170 175

Gln Leu Leu Gln Gln Gln Arg Gln Gln Gln Gln Gln Gln Gln Gln  
180 185 190

Gln Gln Gln Gln Gln Gln Gln Gln Gln Glu Val Val Ser Glu Gly  
195 200 205

Ser Ser Ser Gly Arg Ala Arg Glu Ala Ala Gly Ala Ser Thr Ser Ser  
210 215 220

Lys Asp Ser Tyr Leu Gly Gly Ser Ser Thr Ile Ser Asp Ser Ala Lys  
225 230 235 240

Glu Leu Cys Lys Ala Val Ser Val Ser Met Gly Leu Gly Val Glu Ala  
245 250 255

Leu Glu His Leu Ser Pro Gly Glu Gln Leu Arg Gly Asp Cys Met Tyr  
260 265 270

Ala Pro Leu Leu Gly Gly Pro Pro Ala Val Arg Pro Cys Ala Pro Leu  
275 280 285

Ala Glu Cys Lys Gly Ser Leu Leu Asp Asp Gly Pro Gly Lys Gly Thr  
290 295 300

Glu Glu Thr Ala Glu Tyr Ser Pro Phe Lys Ala Gly Tyr Ala Lys Gly  
305 310 315 320

Leu Asp Gly Asp Ser Leu Gly Cys Ser Ser Ser Ser Glu Ala Gly Gly  
325 330 335

Ser Gly Thr Leu Glu Met Pro Ser Thr Leu Ser Leu Tyr Lys Ser Gly  
340 345 350

Ala Leu Asp Glu Ala Ala Ala Tyr Gln Ser Arg Asp Tyr Tyr Asn Phe  
355 360 365

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Pro Leu Ser Leu Gly Gly Pro Pro Pro His Pro Pro Pro Pro His Pro  
370 375 380

His Thr Arg Ile Lys Leu Glu Asn Pro Leu Asp Tyr Gly Ser Ala Trp  
385 390 395 400

Ala Ala Ala Ala Ala Gln Cys Arg Tyr Gly Asp Leu Ala Ser Leu His  
405 410 415

Gly Ala Gly Ala Ala Gly Pro Ser Ser Gly Ser Pro Ser Ala Thr Thr  
420 425 430

Ser Ser Ser Trp His Thr Leu Phe Thr Ala Glu Glu Gly Gln Leu Tyr  
435 440 445

Gly Pro Cys Gly Gly Ser Gly Gly Gly Ser Ala Gly Asp Gly Gly Ser  
450 455 460

Val Ala Pro Tyr Gly Tyr Thr Arg Pro Pro Gln Gly Leu Ala Gly Gln  
465 470 475 480

Glu Gly Asp Phe Pro Pro Pro Asp Val Trp Tyr Pro Gly Gly Val Val  
485 490 495

Ser Arg Val Pro Phe Pro Ser Pro Ser Cys Val Lys Ser Glu Met Gly  
500 505 510

Ser Trp Met Glu Ser Tyr Ser Gly Pro Tyr Gly Asp Met Arg Leu Glu  
515 520 525

Thr Ala Arg Asp His Val Leu Pro Ile Asp Tyr Tyr Phe Pro Pro Gln  
530 535 540

Lys Thr Cys Leu Ile Cys Gly Asp Glu Ala Ser Gly Cys His Tyr Gly  
545 550 555 560

Ala Leu Thr Cys Gly Ser Cys Lys Val Phe Phe Lys Arg Ala Ala Glu  
565 570 575

Gly Lys Gln Lys Tyr Leu Cys Ala Ser Arg Asn Asp Cys Thr Ile Asp  
580 585 590

Lys Phe Arg Arg Lys Asn Cys Pro Ser Cys Arg Leu Arg Lys Cys Tyr  
595 600 605

Glu Ala Gly Met Thr Leu Gly Ala Arg Lys Leu Lys Lys Leu Gly Asn  
610 615 620

Leu Lys Leu Gln Glu Glu Gly Glu Ala Ser Asn Val Thr Ser Pro Thr  
625 630 635 640

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Glu Glu Pro Thr Gln Lys Leu Thr Val Ser His Ile Glu Gly Tyr Glu  
645 650 655

Cys Gln Pro Ile Phe Leu Asn Val Leu Glu Ala Ile Glu Pro Gly Val  
660 665 670

Val Cys Ala Gly His Asp Asn Asn Gln Pro Asp Ser Phe Ala Ala Leu  
675 680 685

Leu Ser Ser Leu Asn Glu Leu Gly Glu Arg Gln Leu Val His Val Val  
690 695 700

Lys Trp Ala Lys Ala Leu Pro Gly Phe Arg Asn Leu His Val Asp Asp  
705 710 715 720

Gln Met Ala Val Ile Gln Tyr Ser Trp Met Gly Leu Met Val Phe Ala  
725 730 735

Met Gly Trp Arg Ser Phe Thr Asn Val Asn Ser Arg Met Leu Tyr Phe  
740 745 750

Ala Pro Asp Leu Val Phe Asn Glu Tyr Arg Met His Lys Ser Arg Met  
755 760 765

Tyr Ser Gln Cys Val Arg Met Arg His Leu Ser Gln Glu Phe Gly Trp  
770 775 780

Leu Gln Ile Thr Pro Gln Glu Phe Leu Cys Met Lys Ala Leu Leu Leu  
785 790 795 800

Phe Ser Ile Ile Pro Val Asp Gly Leu Lys Asn Gln Lys Phe Phe Asp  
805 810 815

Glu Leu Arg Met Asn Tyr Ile Lys Glu Leu Asp Arg Ile Ile Ala Cys  
820 825 830

Lys Arg Lys Asn Pro Thr Ser Cys Ser Arg Arg Phe Tyr Gln Leu Thr  
835 840 845

Lys Leu Leu Asp Ser Val Gln Pro Ile Ala Arg Glu Leu His Gln Phe  
850 855 860

Thr Phe Asp Leu Leu Ile Lys Ser His Met Val Ser Val Asp Phe Pro  
865 870 875 880

Glu Met Met Ala Glu Ile Ile Ser Val Gln Val Pro Lys Ile Leu Ser  
885 890 895

Gly Lys Val Lys Pro Ile Tyr Phe His Thr Gln  
900 905